

PGDCA (Practicals) / MCA (I Yr) / BCA

Term-End Practical Examination

00559

December, 2011

CS-03P:FILE STRUCTURE AND PROGRAMMING IN COBOL

Time allowed : 2 hours

*Maximum Marks : 100
(Weightage : 15%)*

General Instructions :

- (i) There are **two compulsory** questions in this paper of **40** marks each. Rest **20** marks are for viva-voce.
 - (ii) Test your programs by running them on 5 to 10 records or data values.
 - (iii) Print the programs and the results, if possible, otherwise write partial input and output on your answer script.
 - (iv) Make and state suitable assumptions, if any.
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1. Write a program in COBOL to sort the given file, first on DEPARTMENT in ascending order, then records having the same value of DEPARTMENT are to be arranged in descending order based on BONUS. **40**

EMP_ID : 5 Digits
Name : 25 Characters
DEPARTMENT : 5 Characters
BASIC_PAY : 10 Digits
BONUS : 10 Digits
DEDUCTIONS : 10 Digits

2. Write a program in COBOL to calculate - total number of days in the given month, without storing the months and days entries in any form. For example, if given input in January then output is 31 days. The concept of leap year must be considered for February month. **40**